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Host Plants Immune to its Attack," by E. C. Stakman.

"Further Studies on the Spread and Control of Hop Mildew," F. M. Blodgett.

"The Longevity of Pycnospores and Ascospores of *Endothia parasitica* under artificial conditions," by F. D. Heald and R. A. Studhalter.

"Field Studies of Apple Rust," by N. J. Giddings and Anthony Berg.

"Cotyledon Infection of Cabbage Seedlings by the Bacterial Black Rot," by Charles Drechsler.

"Fungus Host Relationship in Black Knot" (with lantern), by E. M. Gilbert.

"Stigmonose: A Disease of Fruits," by M. B. Waite.

"Jonathan Spot, Bitter Pit and Stigmonose" (with lantern), by Charles Brooks and D. F. Fisher.

"The Organization of the Plant Disease Survey," by R. Kent Beattie.

"Some Technical Aids for the Anatomical Study of Decaying Wood" (with lantern), by E. W. Sinnott and I. W. Bailey.

"Apple Rots" (with lantern), by Charles Brooks, D. F. Fisher and J. S. Cooley.

"The Relation of Temperature to the Infection of Cabbage by *Fusarium conglutinans* Wollenw.," by J. C. Gilman.

"Third Progress Report on *Fusarium* Resistant Cabbage" (with lantern), by L. R. Jones.

"York Spot and York Skin Crack" (with lantern), by H. S. Reed.

"Soil Stain and Pox, Two Little-known Diseases of the Sweet Potato" (with lantern), by J. J. Taubenhaus.

"*Rhizoctonia* in America" (with lantern), by Geo. L. Peltier.

"Lightning Injury to Cotton and Potato Plants," by L. R. Jones and W. W. Gilbert.

"Orchard Experiment with Jonathan Spot Rot in 1914," by G. W. Martin.

"The Perfect Stage of the Fungus of Raspberry Anthracnose," by W. H. Burkholder.

#### January 1, 1915, Business Meeting

"Parasitism, Biology and Cytology of *Eoconartium typhuloides* Atk.," by Harry M. Fitzpatrick.

"Negative Heliotropism of the Urediniospore Germ Tubes of *Puccinia rhamni*," by F. D. Fromme.

"The Ascigerous Stage of *Helminthosporium teres* Sacc.," by A. G. Johnson.

"A Gymnosporangium with Repeating Spores," by J. C. Arthur.

"A Preliminary Report on Twig and Leaf Infection of the Peach by Means of Inoculations with *Cladosporium carpophilum* Thüm.," by G. W. Keitt.

"Notes on *Cronartium comptoniae* and *C. ribicola*," by Perley Spaulding.

"How to Know the Polypores," by W. A. Merrill.

"Some Problems of Plant Pathology in Reference to Transportation," by F. L. Stevens.

"A Disease of Red Clover and Alsike Clover Caused by a New Species of *Colletotrichum*," by P. J. O'Gara.

"An Anthracnose of *Asclepias speciosa* Caused by a New Species of *Colletotrichum*," by P. J. O'Gara.

"A Disease of the Underground Stems of Irish Potato Caused by a New Species of *Colletotrichum*," by P. J. O'Gara.

"A Preliminary Report on the Relation of Grass Rusts to the Cereal Rust Problem," by E. C. Stakman.

"Some Facts of the Life History of *Ustilago zeae* (Beckm.) Unger," by Frank J. Piemeisel.

"A Promising New Fungicide," by W. M. Scott.

"The Potato Study Trip of 1914," by W. A. Orton.

"Some Effects on Chestnut Trees of the Injection of Chemicals" (with lantern), by Caroline Rumbold.

C. L. SHEAR,  
Secretary-Treasurer

#### THE PHILADELPHIA MEETING OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION

THE twenty-third annual meeting of the American Psychological Association was held on December 29, 30 and 31, 1914, in affiliation with the American Association for the Advancement of Science and the Southern Society for Philosophy and Psychology at the University of Pennsylvania, Philadelphia. Professor Robert Sessions Woodworth, of Columbia University, presided.

As president of the association for the ensuing year, Professor John B. Watson, of the Johns Hopkins University, was selected. As members of the council, to succeed Professors Max Meyer and Margaret F. Washburn, Professors Roswell P. Angier, of Yale University, and Walter Dill Scott, of Northwestern University, were chosen. The association's representative upon the council of the American Association for the Advancement of Science will be Dr. Thomas H. Haines, of Columbus, Ohio.

It was decided to hold a special meeting for the reading of papers at San Francisco, in affiliation with the American Association for the Advancement of Science. The dates of this meeting will fall within the time selected by the larger association, August 2-7, 1915. The organization of this special meeting, and all arrangements pertaining to the program, etc., was left in the hands of a committee appointed by the president. This committee consists of Professor G. M. Stratton, University of California, chairman, and Professors Lillian J. Martin and Warner Brown. The place of the twenty-fourth annual meeting, to be held as usual during Convocation Week of 1915, was left

to the decision of the Council, and will be determined shortly.

A special feature of the business session which aroused much interest and discussion was the report of the Committee on the Academic Status of Psychology. This committee, made up of Professor H. C. Warren, Princeton University, chairman, and Professors John Dewey and Charles H. Judd, presented a comprehensive report in printed form, based upon data secured from 165 colleges and universities. The results indicated, among other things, that psychology is still constrained in many institutions to furnish the foundation for work in philosophy and education, and thus lacks the autonomy requisite in developing its own special interests and problems. Three resolutions offered by the committee were adopted by the association: (1) That a standing committee be appointed to continue the work here begun. (2) that a topic bearing upon the teaching of psychology be chosen for discussion at the next annual meeting. (3) That the association adopt the principle that the undergraduate psychological curriculum in every college or university great or small, should be planned from the standpoint of psychology, and in accordance with psychological ideals, rather than to fit the needs and meet the demands of some other branch of learning.

The program of the association included the reading of some forty-five papers. Joint sessions were held with Section L of the American Association for the Advancement of Science, and with the Southern Society for Philosophy and Psychology. As a whole, the program was notable for the evident interest of the participants in the pursuit of introspective psychology under experimental conditions. The keynote was struck by President Woodworth in his address, "A Revision of Imageless Thought," in the course of which an interesting theory of "mental reaction" was propounded to account for certain non-sensory contents of consciousness as revealed by introspective studies. Another feature was the discussion with demonstration of the introspective method, as conducted by Professor J. W. Baird, of Clark University, with the assistance of several of his former students and colleagues.

The papers read were as follows:

"Habit Formation and Modern Language Teaching," by Stuart H. Rowe.  
 "Initial Speed and Total Gain in Learning," by E. A. Kirkpatrick.  
 "Notes on Certain Phases of Learning," by S. S. Colvin.

"Some Learning Curves," by M. E. Haggerty.  
 "Some Norms of College Freshmen," by W. V. Bingham.

"A Study in Mental Retardation in Relation to Etiology," by Bird T. Baldwin.

"A Method for Qualitative Study of Family Likeness in Arithmetical Abilities," by Margaret V. Cobb.

"Effect of Heat, Humidity and Stagnancy of Air upon Mental Work," by E. L. Thorndike.

"Notes on Affective Physiology," by George V. N. Dearborn.

"Variations in Distribution of the Motor Centers of the Monkey Brain," by S. I. Franz.

"Some Relations of Mania to the Sensorium," by E. E. Southard.

"Some Cases of Paramnesia," by Nathan A. Harvey.

"Some Technical Results from the Alcohol Program," by Raymond Dodge.

"An Apparatus for Testing Visual Sensitivity to Contrast in Animals," by H. M. Johnson.

"Apparatus for Serial Exposure in Memory Experiments," by E. H. Cameron.

"Model Animal Maze," by C. Homer Bean.

"Tactimeter," by C. Homer Bean.

"Puzzle Box for Illustrating Problem-Solving Learning, and for Testing Mechanical Ability; a Form of Mirror-Drawing Apparatus which allows Modification of the Movement-Stimulus Relation; Mirror Frame for Observing Eye-Movements," by Frank N. Freeman.

"Tachistoscope," by F. C. Dockeray.

"A Self-recording Hand Dynamometer," by Henry C. McComas.

"Pictures and Class Experiments," by E. A. Kirkpatrick.

"A Proposed Classification of Mental Functions," by George A. Coe.

"The Temporal Relations of Meaning and Imagery," by Thomas V. Moore.

"Psychology of Slavic People," by Paul R. Radosavijevich.

"The Craving for the Supernatural," by Tom A. Williams.

"The Study of Dreams: A Method Adapted to the Seminary," by Madison Bentley.

"Concerning the Religion of Childhood," by W. T. Shepherd.

"The Point Scale Method of Measuring Mental Ability," R. M. Yerkes.

"The Point Scale Rating of Delinquents," by Thomas H. Haines.

"Correlations between the Binet Tests and other Mental and Physical Tests," by Edward K. Strong, Jr.

"Norms of Negro Mentality," by W. H. Pyle.

"The Standardization of Knox's Cube and Feature Profile Tests," by Rudolf Pintner.

"On the Memory for Musical Sequences," by Kate Gordon.

"Effects of Practise on the Singing and Discrimination of Tones," by E. H. Cameron.

"The Vowel Character of Fork Tones," by A. P. Weiss.

"The Influence of Expectation on Sound Localization," by L. R. Geissler.

"Individual Differences in Fluctuations of the Attention," by Henry C. McComas.

"Awareness and Partial Awareness as Factors in Efficiency," by G. F. Arps.

"The Acquisition of Skill in Archery," by K. S. Lashley.

"A New Method of Studying Ideational and Allied Forms of Behavior in Man and other Animals," by R. M. Yerkes.

"A Preliminary Report on Number Reactions in the Dog," by A. H. Sutherland.

"The Visual Difference-Threshold for Size in the Monkey and the Domestic Chick," by H. M. Johnson.

"Two Cases of Criminal Imbecility," by Henry H. Goddard.

"The Value of Anthropometric Measurements in the Diagnosis of Feeble-mindedness," by E. A. Doll.

"The Influence of Improvement in one Simple Mental Process upon Other Related Processes," by A. T. Poffenberger, Jr.

"A Revision of Imageless Thought," address of the president, by Robert Sessions Woodworth.

"The Introspective Method, with Demonstrations," by J. W. Baird.

"A Preliminary Report of an Introspective Study of the Process of Comparing," by Samuel W. Fernberger.

"An Experimental Investigation of the Process of Recognizing at Different Stages of its Mechanism," by Elizabeth L. Woods.

"An Experimental Study of Generalizing, Abstraction and the General Concept," by S. Carolyn Fisher.

"Determination of the Psychologically Unitary Color Sensations," by Christine Ladd-Franklin.

"External Localization in Memorizing Verbal Material," by Eleanor A. McC. Gamble.

"Affective Factors of Recall," by Garry C. Myers.

"An Experiment on Choice Reaction," by Prentice Reeves.

"The Function and Test of Definition and Method in Psychology," address of the retiring Vice-president of Section H, by Walter Bowers Pillsbury.

"Report of the Committee on the Academic Status of Psychology," by Howard C. Warren.

R. M. OGDEN,  
Secretary

#### THE ILLINOIS ACADEMY OF SCIENCE

THE eighth annual meeting of the Illinois Academy of Science was held at the State Museum, Springfield, February 19 and 20. The Friday afternoon program consisted of four addresses: "The Chemistry of Colloids," Dr. D. A. MacInnes, University of Illinois; "Colloids in Physiology," Dr. William Crocker, University of Chicago; "Colloids in Commerce" (read by title), Dr. L. I. Shaw, Northwestern University; "Recent Developments in Surgery," Dr. Don W. Deal, Springfield.

In the evening the members of the academy were the guests of the Springfield Commercial Association at a banquet served at the Leland Hotel. Ex-Governor Northcott acted as toastmaster, and short addresses were made by Senator Kelly and Professor John M. Coulter.

The evening lecture was delivered by Dr. Day, director of the Carnegie Geophysical Laboratory, Washington, D. C., on "Volcanic Emanations."

The Saturday morning program included the following papers:

*Section of Botany, Bacteriology and Chemistry*

"Character of Water Used on Railway Trains," by Dr. Edward Bartow, University of Illinois.

"Comparison of Rocky Mountain Grassland with the Prairie of Illinois," by Dr. George D. Fuller.

"Studies in *Phyllosticta* and *Cercospora*," by Miss Esther Young.

"The Arsenic Content of Filter Alum Used in Illinois Water Purification Plants," by Mr. A. N. Bennett.

"Method of Determining the Life Duration of Seeds," by Mr. James F. Groves.

"Studies on *Schizophyllum alneum* in Respect to Cultures and Inoculations," by Mr. Alvah Peterson, University of Illinois.

"The Longevity of *B. Coli* and *B. Typhosus* in Water," by Mr. M. E. Hinds.